

METHOD OF PRODUCING MICRO-LENSES AND IMAGE DISPLAY

DEVICE WITH THE SAME

ABSTRACT OF THE DISCLOSURE

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A method of producing micro-lenses used in an image display device not requiring positioning of the micro-lenses and an image display device provided with the micro-lenses capable of displaying images of high
10 luminance and a high contrast. The method includes the steps of: forming a TFT substrate having a plurality of pixel electrodes, a switching element, and light blocking layers having a predetermined apertures covering clearances of the pixel electrodes on a first light
15 transmitting type substrate; forming a counter substrate having counter electrodes on a second light transmitting type substrate; arranging the TFT substrate and the counter substrate to face each other and bonding peripheries of the substrates; forming a focusing layer
20 containing a photosensitive material on a surface facing the bonding surface of the counter substrate; irradiating light from the TFT substrate side to expose portions of the focusing layer facing the apertures of the light blocking layer; and exposing unexposed portions of the
25 focusing layer.